

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|---|------------------|---------|------------------|
| L1 | 5246 | vertical near6 cavity near6 laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 16:17 |
| L2 | 36346 | 349\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 15:55 |
| L3 | 16 | 1 and 2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 16:15 |
| L4 | 10 | (vertical near6 cavity near6 laser) near6 (organic and inorganic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 15:56 |
| L5 | 1 | 4 and 2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 15:56 |
| L6 | 66 | (vertical near6 cavity near6 laser) near6 grating | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 16:04 |
| L7 | 0 | 2 and 6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 15:57 |
| L8 | 2639 | "photonic crystal" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 15:57 |

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| L9 | 21 | 2 and 8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 15:58 |
| L10 | 1 | 3 and 9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 15:58 |
| L11 | 0 | (vertical near6 cavity near6 laser) near6 grating near6 "photonic crystal" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 16:05 |
| L12 | 1 | (vertical near6 cavity near6 laser) same grating same "photonic crystal" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 16:13 |
| L13 | 48 | (vertical near6 cavity near6 laser) and grating and "photonic crystal" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 16:05 |
| L14 | 27 | 13 not @ad>"20030923" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 16:06 |
| L15 | 7 | ("vertical near6 cavity near6 laser" vCSEL) same grating same "photonic crystal" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 16:13 |
| L16 | 16 | 3 not @ad>"20030923" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 16:15 |

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| L17 | 4992 | "vertical near6 cavity near6 laser" vCSEL | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 16:23 |
| L18 | 7 | 2 and 17 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 16:25 |
| L19 | 5191 | "vertical cavity laser" vCSEL | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 16:37 |
| L20 | 30 | ("vertical cavity laser" vCSEL) near6 (polarized or polarizer or polarizing) near6 light | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 16:26 |
| L21 | 1 | 2 and 20 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 16:27 |
| L22 | 29 | 20 not @ad>"20030923" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 16:34 |
| L23 | 13 | 19 near6 ("organic light emitting diode" OLED) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 16:34 |
| L24 | 8 | 23 not @ad>"20030923" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 16:34 |

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| L25 | 4993 | asymmetric near6 "vertical cavity laser" vCSEL | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 16:37 |
| S1 | 36346 | 349\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 15:54 |
| S2 | 2614 | "quantum dots" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 11:13 |
| S3 | 3 | S1 and S2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 11:54 |
| S4 | 5251 | CdSe | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 11:54 |
| S5 | 36346 | 349\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 12:00 |
| S6 | 187 | S4 and S5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 12:00 |
| S7 | 5246 | vertical near6 cavity near6 laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 15:53 |

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| S8 | 11901 | "organic light emitting diode" OLED | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 12:16 |
| S9 | 345637 | "liquid crystal display" LCD | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 12:05 |
| S10 | 32190 | light near6 emitting near6 layer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 12:15 |
| S11 | 504 | ("organic light emitting diode" OLED) near6 electrodes | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 12:17 |
| S12 | 0 | S7 same S9 same S11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 12:22 |
| S13 | 9 | S7 and S9 and S11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 12:35 |
| S14 | 1 | S5 and S7 and S10 and S11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 12:43 |
| S15 | 7636 | ((organic near6 dye) or polymer) near6 semiconductor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 12:45 |

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| S16 | 0 | ((organic near dye) or polymer) near semiconductor) near S11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 12:45 |
| S17 | 0 | ((organic near dye) or polymer) near semiconductor) same S11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 12:45 |
| S18 | 46 | ((organic near dye) or polymer) near semiconductor) same S8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 13:32 |
| S19 | 33 | S18 not @ad>"20030923" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 12:51 |
| S20 | 127 | "organic light active material" OLAM | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 13:33 |
| S21 | 5 | ("organic light active material" OLAM) same ("organic light emitting diode" OLED) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 15:21 |
| S22 | 5246 | vertical near cavity near laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 13:44 |
| S23 | 1 | (vertical near cavity near laser) same (grating) same (photonic near crystal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 13:49 |

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| S24 | 51 | (vertical near6 cavity near6 laser) and (grating) and (photonic near6 crystal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 13:59 |
| S25 | 36346 | 349\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 13:51 |
| S26 | 1 | S24 and S25 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 13:50 |
| S27 | 29 | S24 not @ad>"20030923" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 13:51 |
| S28 | 108047 | (vertical near6 cavity near6 laser) or (grating) or (photonic near6 crystal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 14:00 |
| S29 | 978 | S25 and S28 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 14:00 |
| S30 | 2 | "5995531".did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 15:22 |
| S31 | 2 | "6208391".did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 15:23 |

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| S32 | 2 | "6542145".did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 15:24 |
| S33 | 0 | "200200779831".did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 15:24 |
| S34 | 0 | "2002/00779831".did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 15:24 |
| S35 | 0 | "2002/0121848".did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 15:26 |
| S36 | 0 | us200200779831 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 15:27 |
| S37 | 0 | "2002/0196385".did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 15:26 |
| S38 | 2 | "20030025851".did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 15:27 |
| S39 | 2 | "20020196385".did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 15:26 |

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| S40 | 0 | "200200779831" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 15:27 |
| S41 | 0 | "200200779831".did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 15:27 |
| S42 | 2 | "20030030371".did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 15:27 |